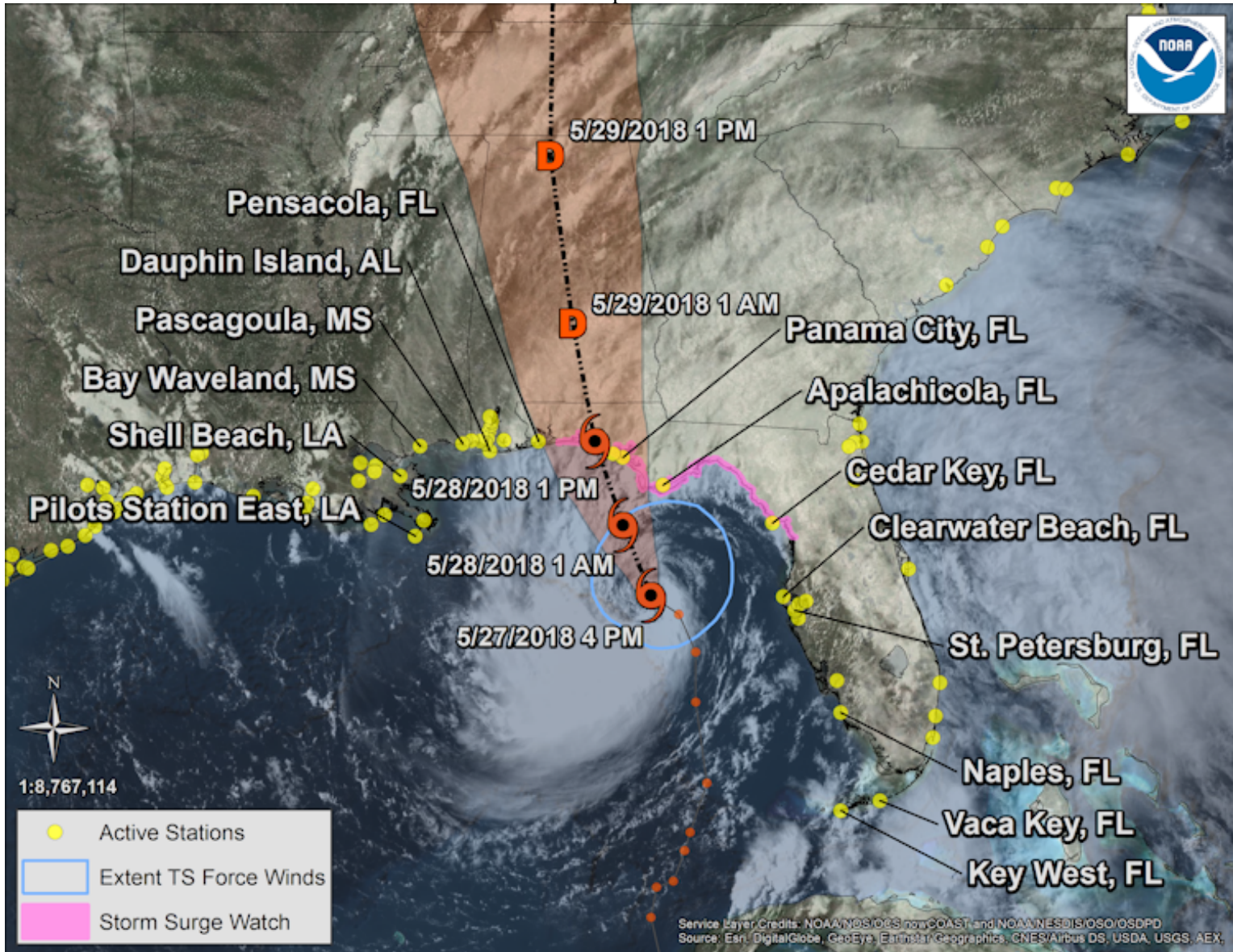




Subtropical Storm Alberto QuickLook
Posted: 17:00 CDT 05/27/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/27/2018 17:00 CDT, water levels along the Gulf Coast of Florida to the Mississippi River Delta (Louisiana) continue to be elevated by up to 1.9 feet above normal tide levels. Water levels are rising and presently the highest along the Florida coastline from Tampa Bay to Cedar Key. Water levels are returning to normal from Naples, FL to the Florida Keys. Prior to Alberto, water levels were elevated in the Gulf of Mexico by up to 0.2 feet above normal tide predictions.

Winds across the region remain breezy and range from 10 to 20 kts, with recent gusts up to 25 kts. Barometric pressure continues to fall at locations near the center of the storm and ahead of the storm; whereas, it is rising at locations south of Tampa Bay, FL.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CMF

Select National Hurricane Center Advisory Information:

Subtropical Storm Alberto Advisory Number 10
400 PM CDT Sun May 27 2018

...ALBERTO TURNS NORTH-NORTHWESTWARD WITH NO CHANGE IN STRENGTH...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning along the west coast of Florida has been discontinued south of the Anclote River.

The Storm Surge Watch has been discontinued along the northern Gulf Coast west of Navarre, Florida.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

* Crystal River to Navarre Florida

A Tropical Storm Warning is in effect for...

* Anclote River to the Mississippi/Alabama border

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 400 PM CDT (2100 UTC), the center of Subtropical Storm Alberto was located near latitude 28.0 North, longitude 85.2 West. The storm is moving toward the north-northwest near 12 mph (19 km/h). A north-northwest motion with some decrease in forward speed is expected tonight. A north-northwestward to northward motion is expected Monday through Wednesday. On the forecast track, the center of Alberto will move over the northern Gulf of Mexico tonight and approach the northern Gulf Coast in the warning area on Monday. Heavy rainfall and tropical storm conditions will likely reach the northern Gulf Coast well before the arrival of the center of Alberto. Alberto is expected to move inland into the Tennessee Valley on Tuesday and Wednesday.

Maximum sustained winds are near 50 mph (85 km/h) with higher gusts. Little change in strength is forecast before Alberto reaches the northern Gulf Coast. Steady weakening is expected after landfall, and Alberto is forecast to become a tropical depression Monday night or Tuesday.

Winds of 40 mph extend outward up to 115 miles (185 km) from the center.

The estimated minimum central pressure is 994 mb (29.36 inches).

HAZARDS AFFECTING LAND

RAINFALL: Alberto is expected to produce the following rain accumulations through Tuesday:

Central Cuba...Additional 5 to 10 inches, isolated storm-totals of 20-25 inches.

The Florida panhandle into much of Alabama and western Georgia...4 to 8 inches, isolated 12 inches.

The Florida Keys and south Florida...Additional 3 to 6 inches, isolated storm totals of 10 inches.

Rest of the Florida peninsula...1 to 4 inches.

Rest of the Southeast and Tennessee Valley into the lower mid Atlantic from Tennessee east through the Carolinas...2 to 6 inches.

Rains in Cuba could produce life-threatening flash floods and mudslides. Flooding and flash flooding are possible in the southeast United States, including Florida.

WIND: Tropical storm conditions will spread northward within the warning area tonight and continue through Monday.

STORM SURGE: The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Crystal River to Navarre Florida...2 to 4 ft

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: Isolated tornadoes are possible through tonight across the central and northern Florida peninsula.

SURF: Swells generated by Alberto will affect the eastern and northern Gulf Coast through Tuesday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult products from your

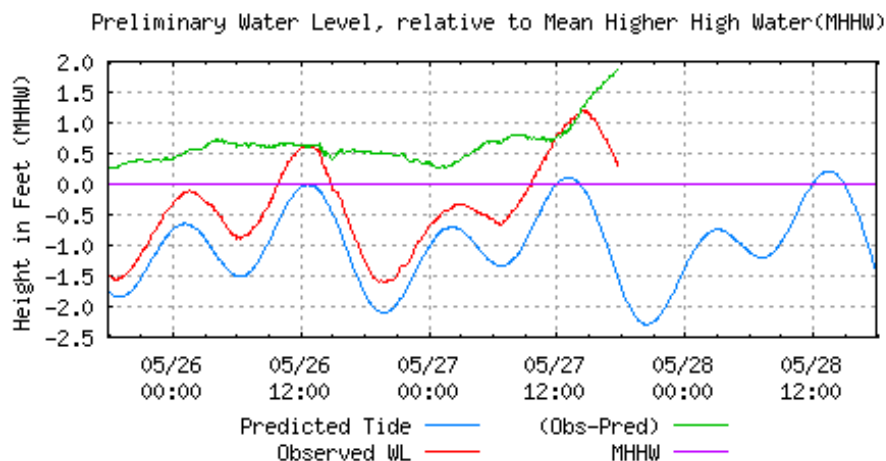
local weather office.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [St. Petersburg, Tampa Bay - Water Level](#), [St. Petersburg, Tampa Bay - Winds](#), [St. Petersburg, Tampa Bay - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Naples, Gulf of Mexico - Water Level](#), [Vaca Key, Florida Bay - Water Level](#), [Vaca Key, Florida Bay - Winds](#), [Key West - Water Level](#), [Key West - Winds](#)

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



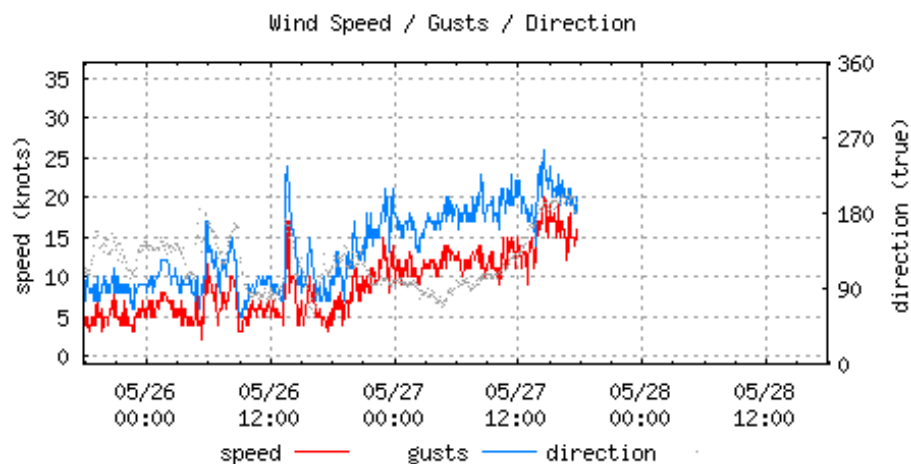
Last Observed Sample: 05/27/2018 17:48 (EDT). Data relative to MHHW

Observed: 0.26 ft. Predicted: -1.60 ft. Residual: 1.86 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 05/28/2018 03:02 (EDT), -0.75 ft.

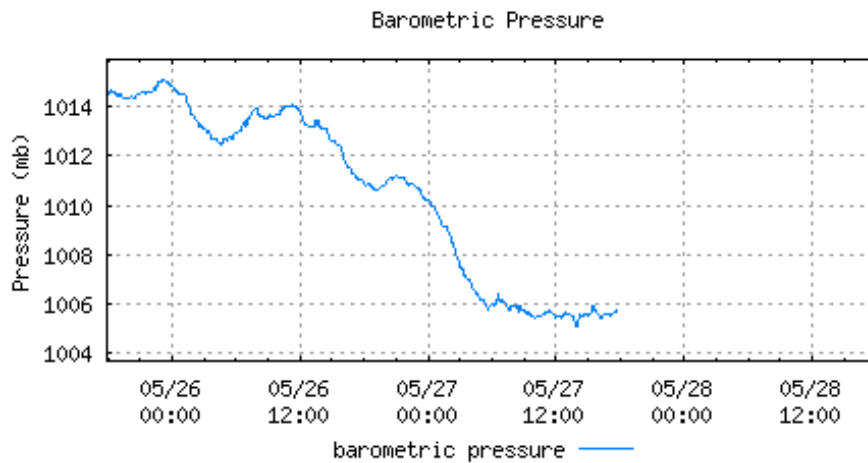
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/27/2018 17:48 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 195° T

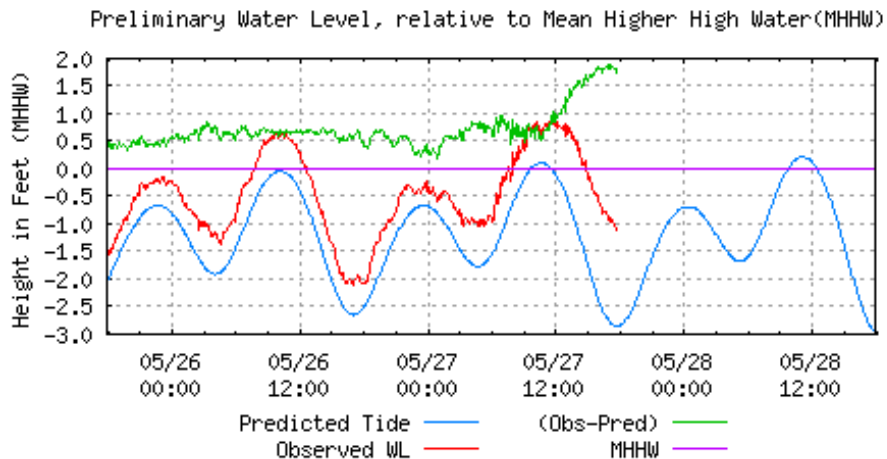
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/27/2018 17:48 (EDT)

Barometric Pressure: 1005.7 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



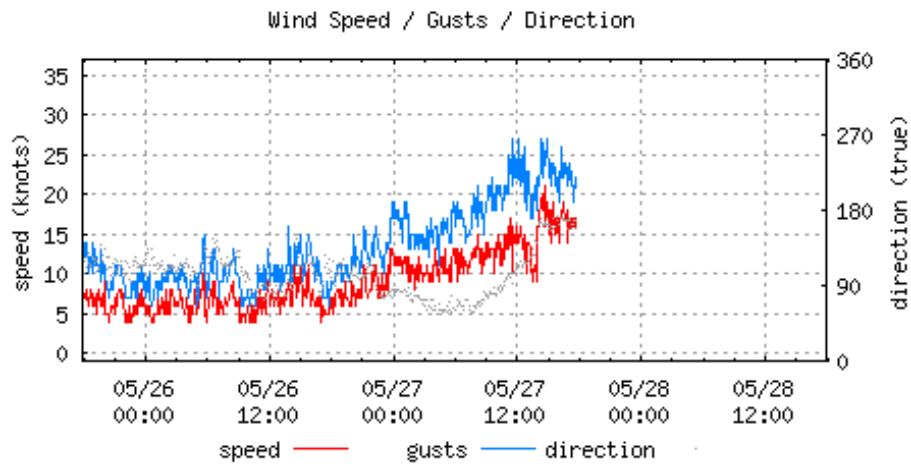
Last Observed Sample: 05/27/2018 17:48 (EDT). Data relative to MHHW

Observed: -1.15 ft. Predicted: -2.86 ft. Residual: 1.71 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/28/2018 00:21 (EDT), -0.69 ft.

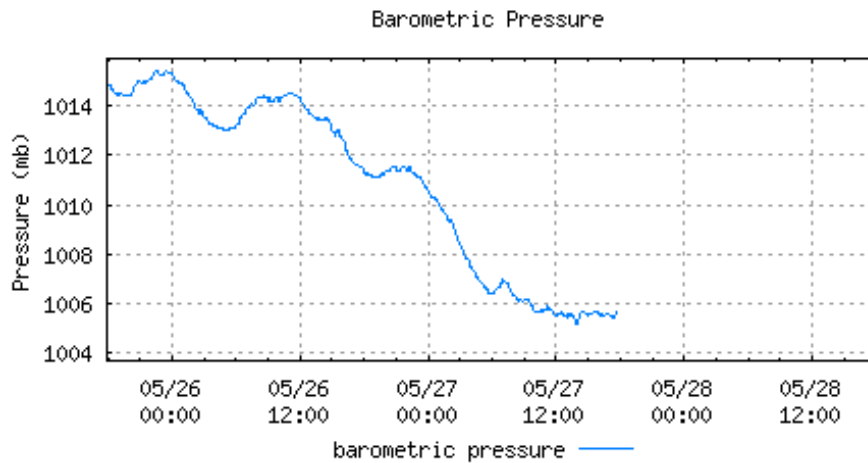
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 17:48 (EDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 161° T

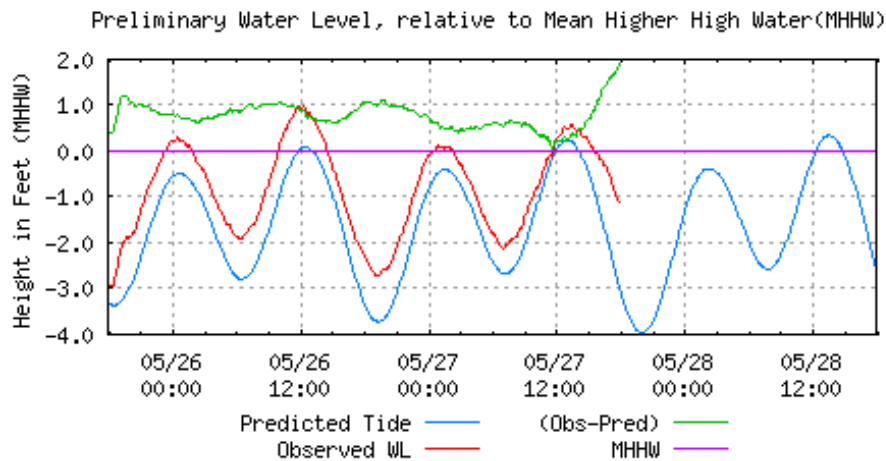
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/27/2018 17:48 (EDT)

Barometric Pressure: 1005.7 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



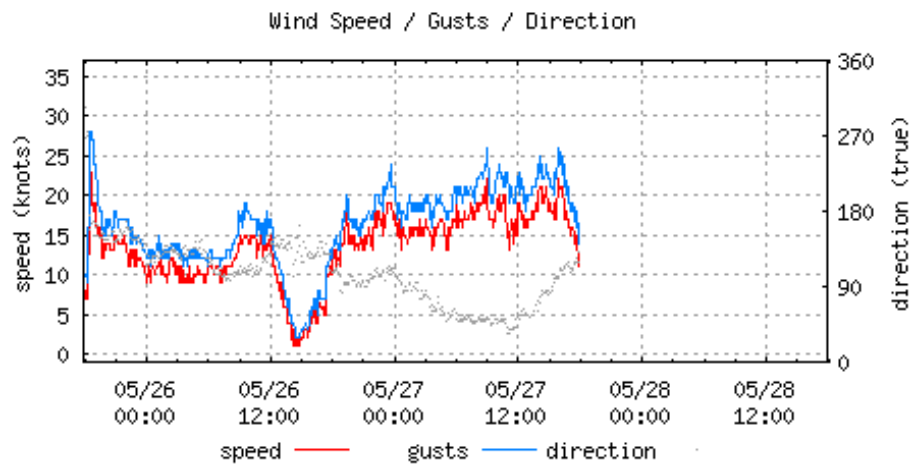
Last Observed Sample: 05/27/2018 17:54 (EDT). Data relative to MHHW

Observed: -1.13 ft. Predicted: -3.04 ft. Residual: 1.91 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/28/2018 02:12 (EDT), -0.38 ft.

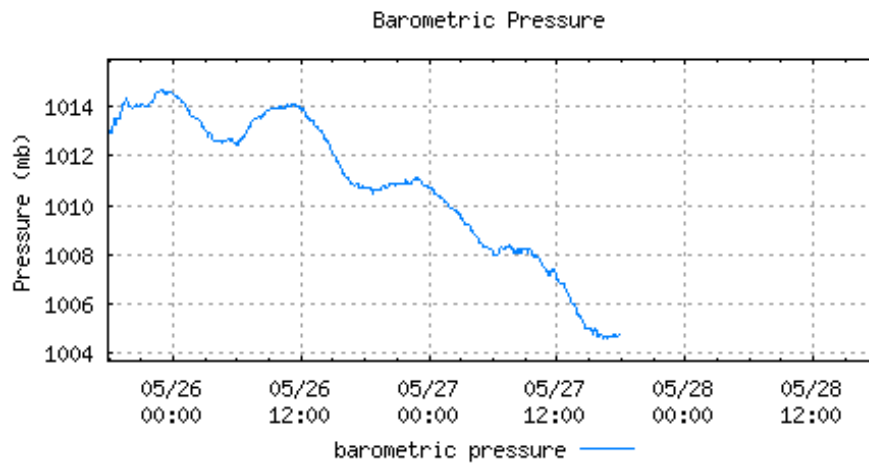
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Wind Speed: 11 knots Gusts: 14 knots Direction: 119° T

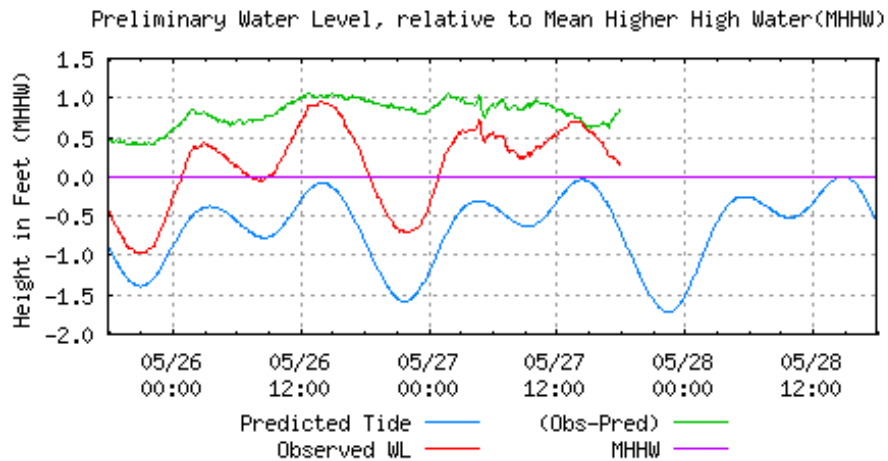
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Barometric Pressure: 1004.8 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



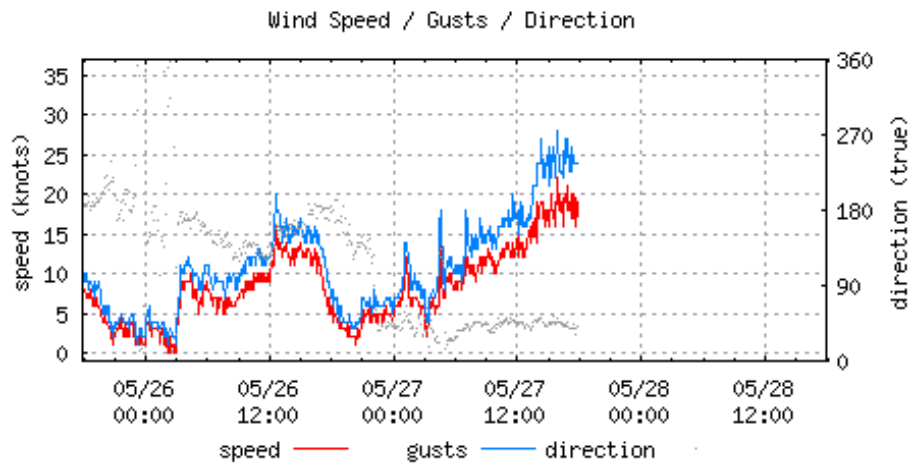
Last Observed Sample: 05/27/2018 17:54 (EDT). Data relative to MHHW

Observed: 0.16 ft. Predicted: -0.68 ft. Residual: 0.84 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/28/2018 05:32 (EDT), -0.25 ft.

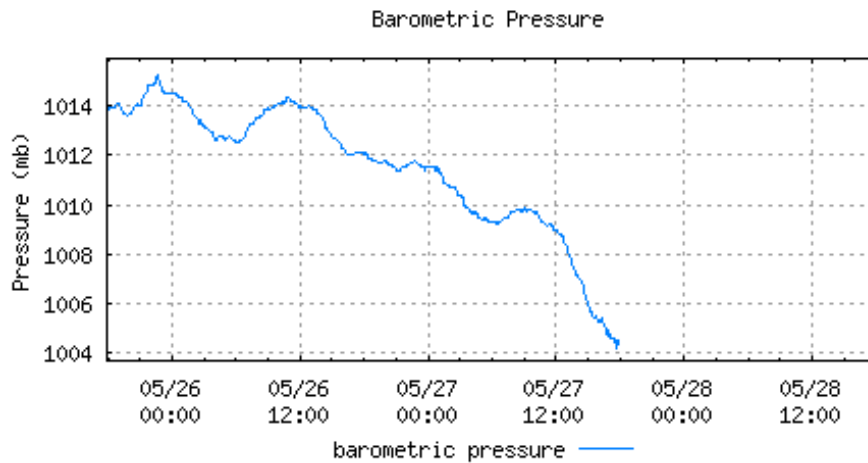
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Wind Speed: 19 knots Gusts: 24 knots Direction: 42° T

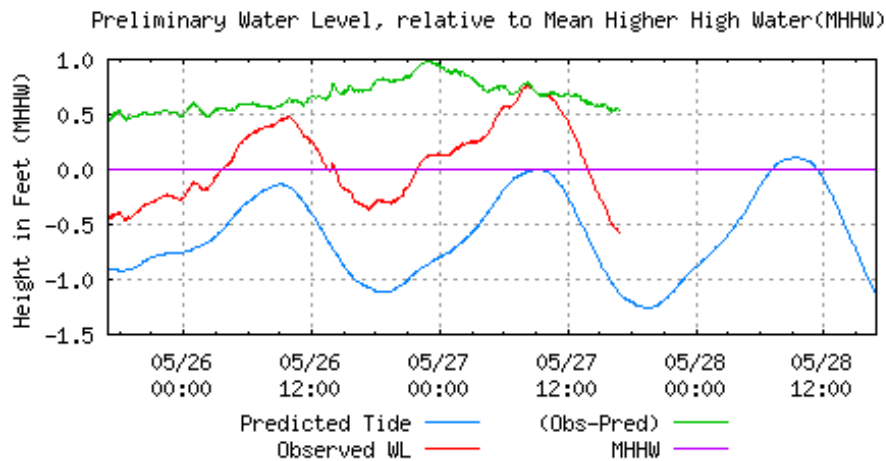
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Barometric Pressure: 1004.4 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



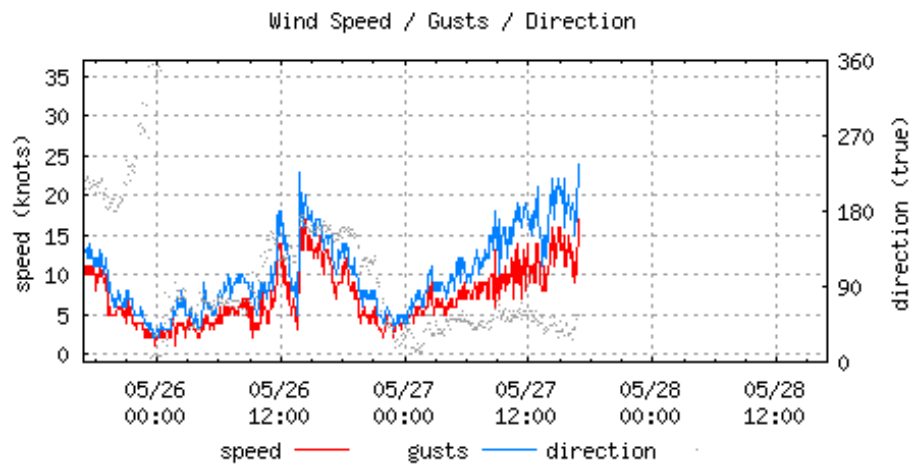
Last Observed Sample: 05/27/2018 16:54 (CDT). Data relative to MHHW

Observed: -0.58 ft. Predicted: -1.13 ft. Residual: 0.55 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/28/2018 09:21 (CDT), 0.11 ft.

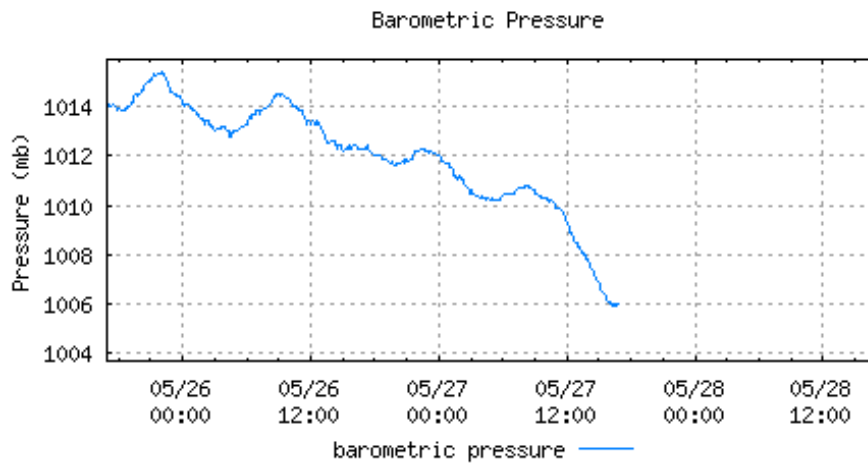
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 16:54 (CDT)

Wind Speed: 13 knots Gusts: 19 knots Direction: 53° T

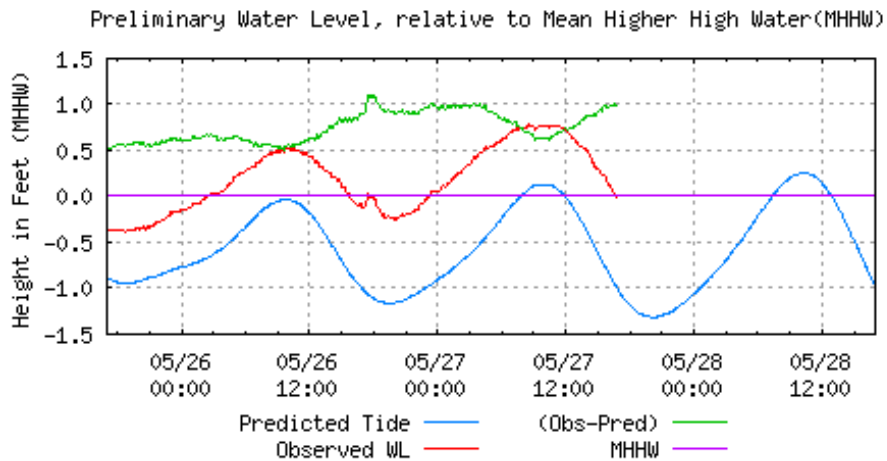
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/27/2018 16:54 (CDT)

Barometric Pressure: 1006.1 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



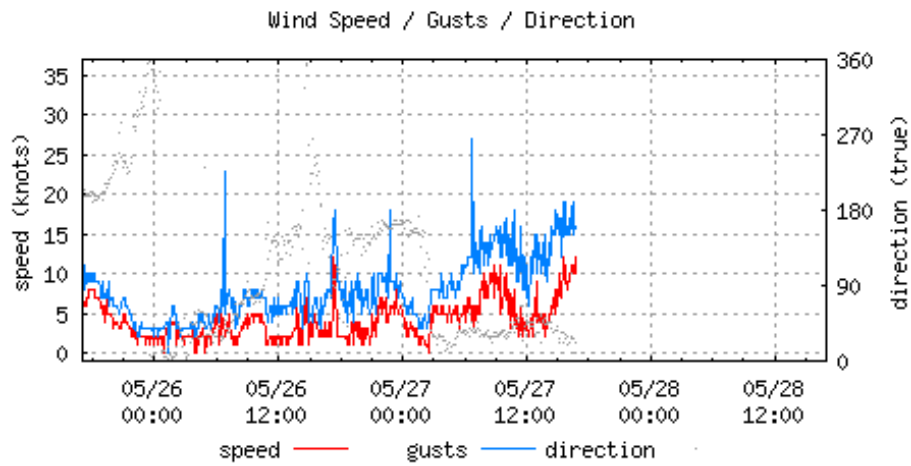
Last Observed Sample: 05/27/2018 16:48 (CDT). Data relative to MHHW

Observed: -0.02 ft. Predicted: -1.00 ft. Residual: 0.98 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/28/2018 10:17 (CDT), 0.26 ft.

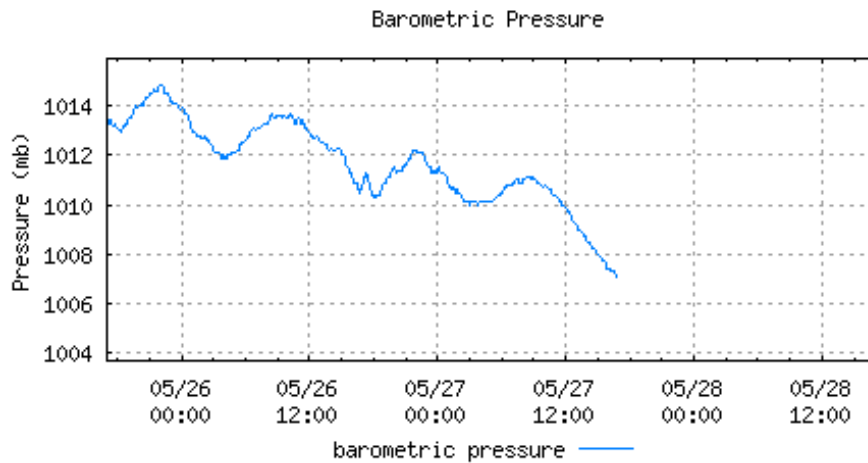
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/27/2018 16:48 (CDT)

Wind Speed: 12 knots Gusts: 16 knots Direction: 21° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

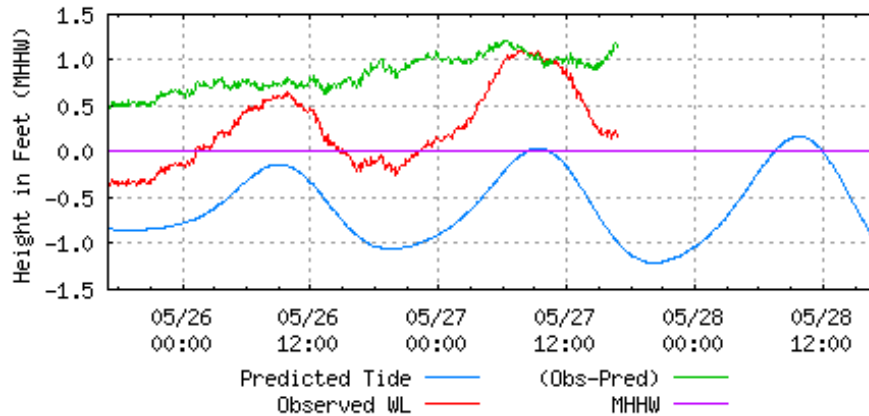


Last Observed Sample: 05/27/2018 16:48 (CDT)

Barometric Pressure: 1007.1 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 16:48 (CDT). Data relative to MHHW

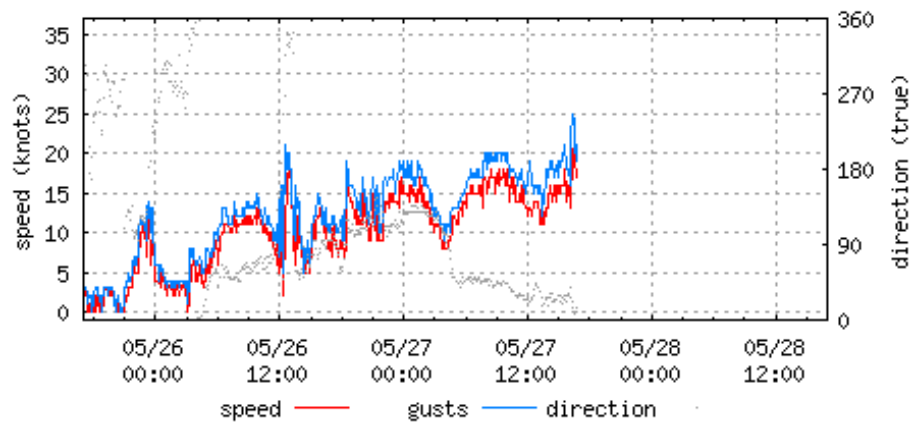
Observed: 0.16 ft. Predicted: -0.99 ft. Residual: 1.15 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/28/2018 09:47 (CDT), 0.16 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

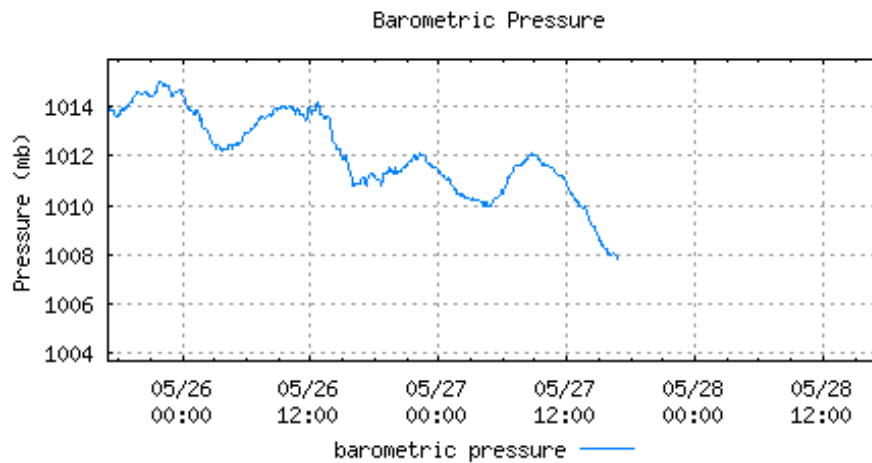
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 16:48 (CDT)

Wind Speed: 17 knots Gusts: 19 knots Direction: 15° T

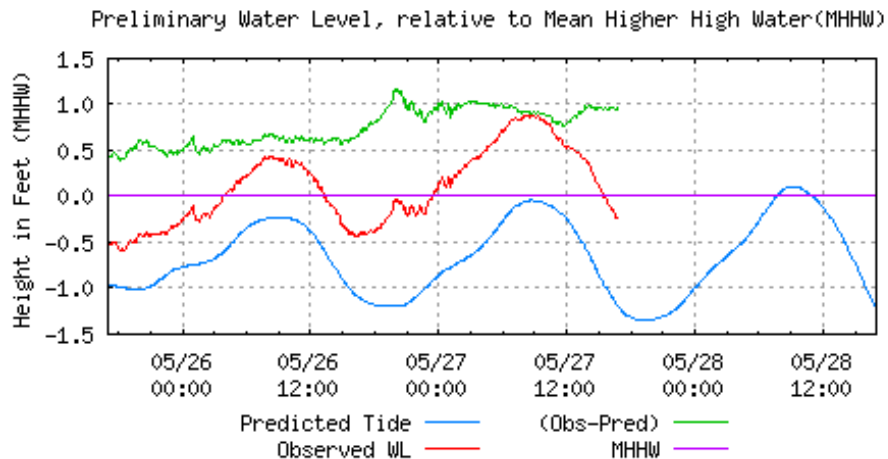
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/27/2018 16:48 (CDT)

Barometric Pressure: 1007.8 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS



Last Observed Sample: 05/27/2018 16:48 (CDT). Data relative to MHHW

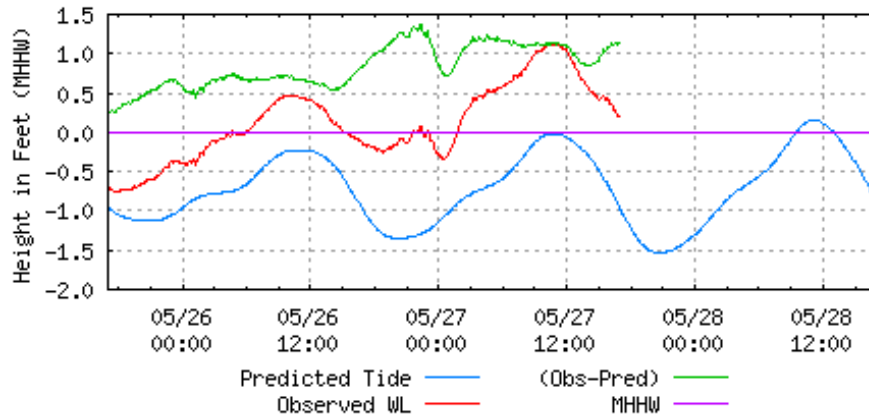
Observed: -0.23 ft. Predicted: -1.20 ft. Residual: 0.97 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/28/2018 09:13 (CDT), 0.11 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 16:54 (CDT). Data relative to MHHW

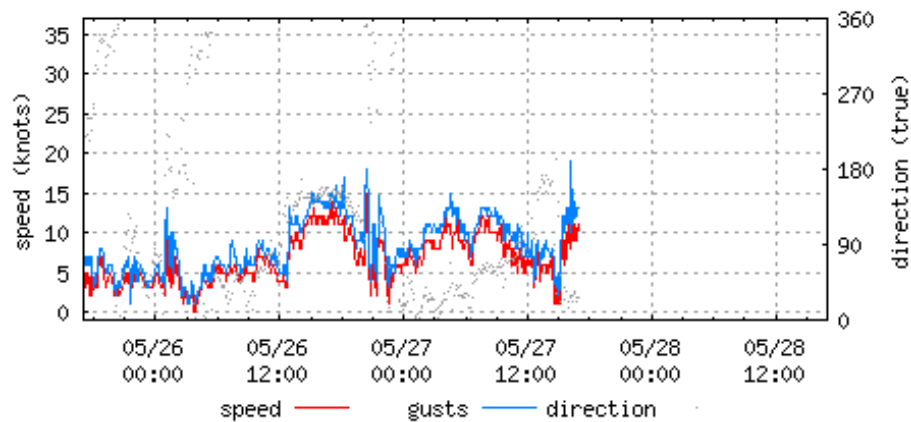
Observed: 0.19 ft. Predicted: -0.95 ft. Residual: 1.14 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/28/2018 11:10 (CDT), 0.15 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

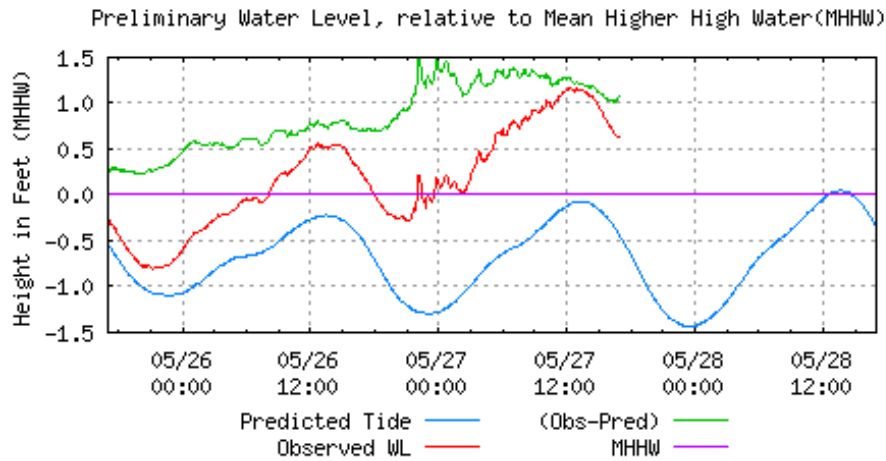
Wind Speed / Gusts / Direction



Last Observed Sample: 05/27/2018 16:54 (CDT)

Wind Speed: 11 knots Gusts: 13 knots Direction: 27° T

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



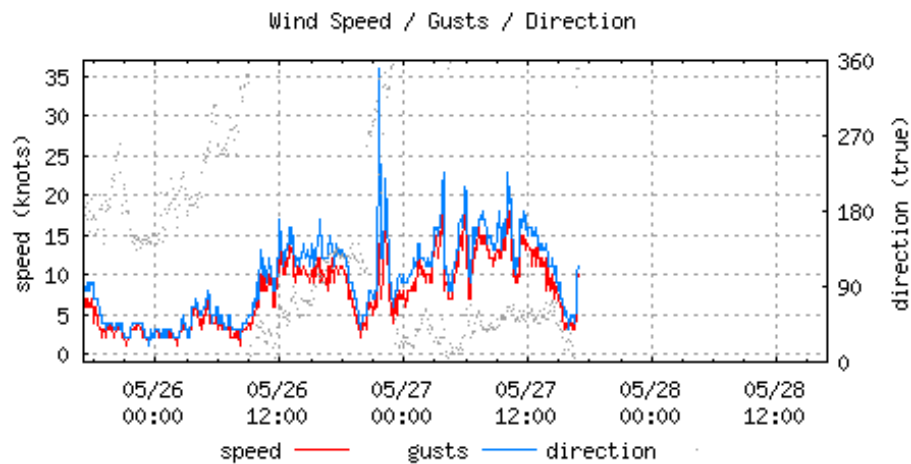
Last Observed Sample: 05/27/2018 16:54 (CDT). Data relative to MHHW

Observed: 0.64 ft. Predicted: -0.43 ft. Residual: 1.07 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/28/2018 13:39 (CDT), 0.05 ft.

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA

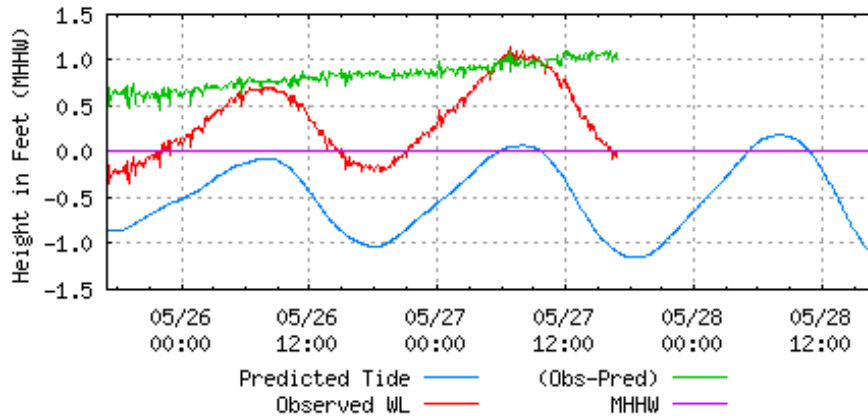


Last Observed Sample: 05/27/2018 16:54 (CDT)

Wind Speed: 10 knots Gusts: 11 knots Direction: 350° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 16:54 (CDT). Data relative to MHHW

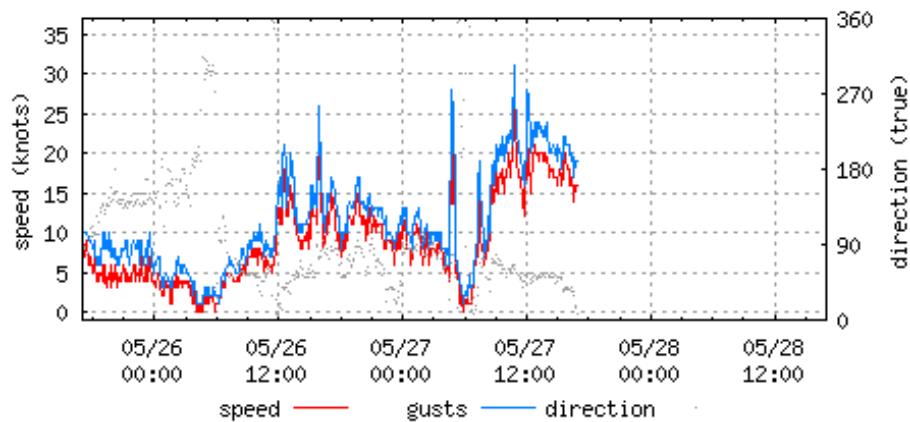
Observed: -0.05 ft. Predicted: -1.08 ft. Residual: 1.03 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/28/2018 08:04 (CDT), 0.19 ft.

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

Wind Speed / Gusts / Direction

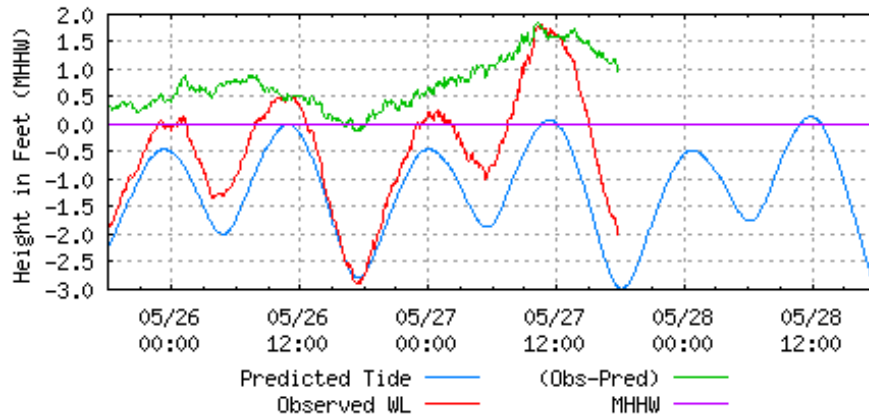


Last Observed Sample: 05/27/2018 16:54 (CDT)

Wind Speed: 16 knots Gusts: 19 knots Direction: 8° T

NOAA/NOS/CO-OPS 8725110 Naples, Gulf of Mexico, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/27/2018 17:48 (EDT). Data relative to MHHW

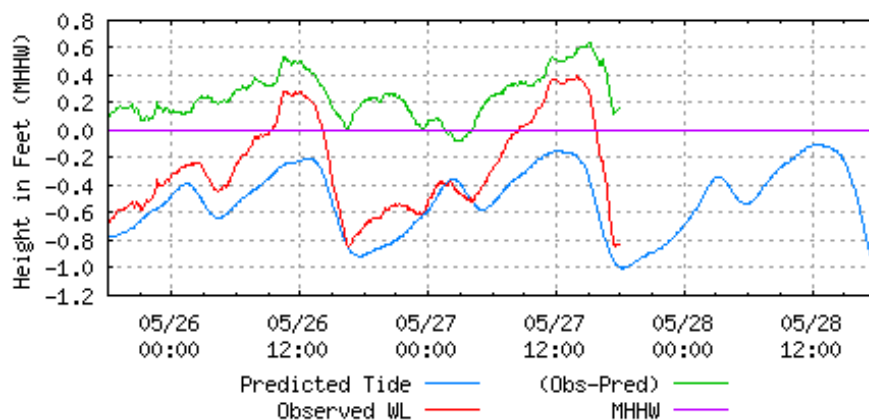
Observed: -1.99 ft. Predicted: -2.96 ft. Residual: 0.97 ft.

Historical Maximum Water Level: Dec 22 1972, 3.11 ft.

Next High Tide: 05/28/2018 00:43 (EDT), -0.48 ft.

NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



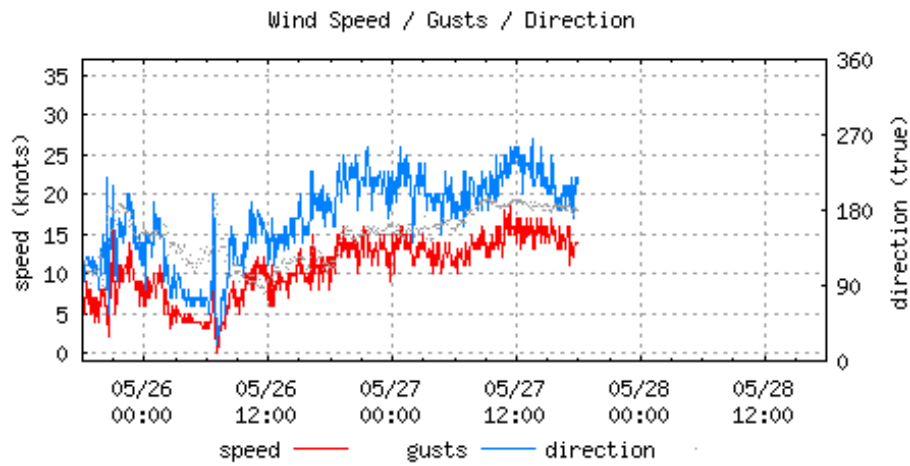
Last Observed Sample: 05/27/2018 17:54 (EDT). Data relative to MHHW

Observed: -0.83 ft. Predicted: -0.99 ft. Residual: 0.16 ft.

Historical Maximum Water Level: Oct 24 2005, 5.80 ft.

Next High Tide: 05/28/2018 03:14 (EDT), -0.34 ft.

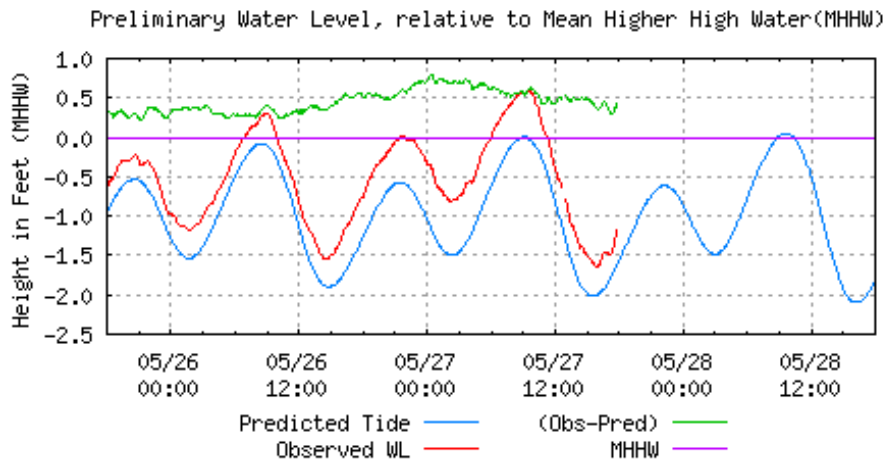
NOAA/NOS/CO-OPS 8723970 Vaca Key, Florida Bay, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Wind Speed: 14 knots Gusts: 22 knots Direction: 181° T

NOAA/NOS/CO-OPS 8724580 Key West, FL



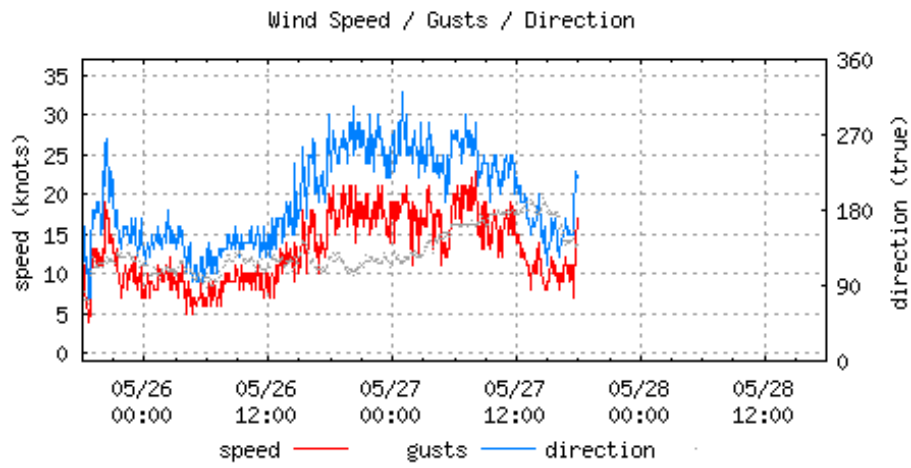
Last Observed Sample: 05/27/2018 17:54 (EDT). Data relative to MHHW

Observed: -1.19 ft. Predicted: -1.63 ft. Residual: 0.44 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

Next High Tide: 05/27/2018 22:16 (EDT), -0.62 ft.

NOAA/NOS/CO-OPS 8724580 Key West, FL



Last Observed Sample: 05/27/2018 17:54 (EDT)

Wind Speed: 17 knots Gusts: 22 knots Direction: 139° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8726520	St. Petersburg, Tampa Bay, FL	05/27/2018 17:48 (EDT)	0.26 ft	-1.60 ft	1.86 ft	1.20 ft
8726724	Clearwater Beach, FL	05/27/2018 17:48 (EDT)	-1.15 ft	-2.86 ft	1.71 ft	0.97 ft
8727520	Cedar Key, FL	05/27/2018 17:54 (EDT)	-1.13 ft	-3.04 ft	1.91 ft	0.59 ft
8728690	Apalachicola, FL	05/27/2018 17:54 (EDT)	0.16 ft	-0.68 ft	0.84 ft	0.73 ft
8729108	Panama City, FL	05/27/2018 16:54 (CDT)	-0.58 ft	-1.13 ft	0.55 ft	0.77 ft
8729840	Pensacola, FL	05/27/2018 16:48 (CDT)	-0.02 ft	-1.00 ft	0.98 ft	0.78 ft
8735180	Dauphin Island, AL	05/27/2018 16:48 (CDT)	0.16 ft	-0.99 ft	1.15 ft	1.12 ft
8741533	Pascagoula NOAA Lab, MS	05/27/2018 16:48 (CDT)	-0.23 ft	-1.20 ft	0.97 ft	0.88 ft
8747437	Bay Waveland Yacht Club, MS	05/27/2018 16:54 (CDT)	0.19 ft	-0.95 ft	1.14 ft	1.11 ft
8761305	Shell Beach, LA	05/27/2018 16:54 (CDT)	0.64 ft	-0.43 ft	1.07 ft	1.17 ft
8760922	Pilots Station East, S.W. Pass, LA	05/27/2018 16:54 (CDT)	-0.05 ft	-1.08 ft	1.03 ft	1.15 ft
8725110	Naples, Gulf of Mexico, FL	05/27/2018 17:48 (EDT)	-1.99 ft	-2.96 ft	0.97 ft	1.81 ft
8723970	Vaca Key, Florida Bay, FL	05/27/2018 17:54 (EDT)	-0.83 ft	-0.99 ft	0.16 ft	0.40 ft
8724580	Key West, FL	05/27/2018 17:54 (EDT)	-1.19 ft	-1.63 ft	0.44 ft	0.59 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce